

GBS 723 – Topics in Professional Development

Spring Semester

Syllabus

Time: Wednesdays, from 3:30 – 5:00 p.m. Starts January 11, 2023.

Place: Shelby building, conference room 415 (if the COVID status persists, it will be on ZOOM)

Moderators: Harry Schroeder, MD, PhD, Laurie Harrington, PhD and Ada Elgavish, PhD

History of Immunology: The main objective of this segment of the course is to explore the history of immunology by examining the work of Nobel Prize winners in Immunology. Each trainee will choose a laureate of interest and prepare a presentation about their contribution to immunology.

Session #	Date of class	Topic	Presenter/Trainee
1	1/11/2023		Course Introduction: Harry W. Schroeder, Jr., MD, PhD
2	1/18/2023	1901 – Emil von Behring Diphtheria Anti-Toxin	Krystle Ong, PhD (2)
3	1/25/2023	1913 – Charles Richet Anaphylaxis	Ashleigh Riegler, PhD (1)
4	2/1/2023	1930 - Karl Landsteiner Human Blood Types	Shelly Nason, PhD (2)
5	2/8/2023	1960 - Macfarlane Burnett & Peter Medawar Immune Tolerance	John Killian, MD (1)
6	2/15/2023	1972 - Gerald Edelman & Rodney Porter Immunoglobulin Structure	Garrett Wilson
7	2/22/2023	1980 - Jean Dausset & Baruj Benacerraf George Snell The MHC	Tiffany Ricketts (1)
8	3/1/2023	1984 - Niels Jerne Cesar Milstein Georges Kohler Theory of Immunity (Network Theory) Monoclonal Antibodies	Andrew Schroeder
9	3/8/2023	1996 - Rolf Zinkernagel & Peter Doherty Cellular Immunity and MHC Restriction	Millie Perez (2)
10	3/15/2023	Spring Break – No class	
11	3/22/2023	2011 - Bruce Beutler & Jules Hoffman & Ralph Steinman Innate Immunity – Dendritic Cells	Melissa Jennings
12	3/29/2023	2018 - James Allison & Tasuku Honjo Checkpoint Immunotherapy	Courtney Swain (1)

13	4/5/2023	Leader Lecture	
14	4/12/2023	Leader Lecture	
15	4/19/2022	Leader Lecture	